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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/731,596
Filed: December 9, 2003
Inventor(s):
Bijan Sayyarrodsari, Eric Hartman,
Celso Axelrud, and Kadir Liano

Title: SYSTEM AND METHOD
OF APPLYING ADAPTIVE
CONTROL TO THE
CONTROL OF PARTICLE
ACCELERATORS WITH
VARYING DYNAMICS
BEHAVIORAL
CHARACTERISTICS
USING A NONLINEAR
MODEL PREDICTIVE
CONTROL TECHNOLOGY

Examiner: Pham, Thomas K.
Group/Art Unit: 2121
Atty. Dkt. No: 5650-03600

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, on the date indicated below.

JCH 8/16/2006
Signature Date

RESPONSE TO OFFICE ACTION OF MAY 1, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of May 1, 2006, to further highlight why the application is in condition for allowance.

Please amend the case as listed below.